

**Bottom-Up Cross-Cutting Workshop “JENAS Initiative: Gravitational Wave
Probes of Fundamental Physics”**

Contribution ID: 4

Type: **not specified**

Strong gravity as a probe of physics beyond GR and the Standard Model

Tuesday, 13 February 2024 09:30 (45 minutes)

I will discuss how GW probes could identify modifications to GR and the presence of new particles beyond the Standard Model. I will focus on how numerical simulations in strong gravity regimes can help us to understand and identify such signatures.

Presenter: CLOUGH, Katy